

07-03-00

A

06/30/00
1c848 U.S. PTO

PTO/SB/05 (2/98) (modified)

Approved for use through 9/30/2000, OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

**NEW UTILITY
PATENT APPLICATION
TRANSMITTAL**(only for new nonprovisional applications under
37 CFR 1.53(b))

Attorney Docket Number 4797 US

First Named Inventor Min Shao

Total Pages in this
Submission 93

Express Mail Label No. EL482474584US

1c856 U.S. PTO
09/607747

06/30/00

APPLICATION ELEMENTS

1. ☒ Fee Transmittal Form (in duplicate)
☐ Check Enclosed
2. ☒ Specification
(preferred arrangement set forth below)
 - ☐ Descriptive Title of the Invention
 - ☐ Cross Reference(s) to Related Case(s)
 - ☐ Statement Regarding Fed sponsored R & D
 - ☐ Background of the Invention
 - ☐ Brief Summary of the Invention
 - ☐ Brief Description of the Drawing(s)
 - ☐ Detailed Description
 - ☐ Claim or Claims
 - ☐ Abstract of the Disclosure
3. ☒ Drawing(s) (when necessary per 35 USC 113)
4. Oath or Declaration
 - a. ☒ New Declaration
☐ Executed
 - b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)
 - i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
5. ☐ Incorporation by Reference (useable if Box 4b is
checked). The entire disclosure of the prior application,
from which a copy of the oath or declaration is supplied
under Box 4b, is considered as being part of the disclosure
of the accompanying application and is hereby incorporated
by reference therein.

ACCOMPANYING APPLICATION PARTS

6. ☐ Assignment & Assignment Recordation Cover Sheet
7. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
8. ☐ Information Disclosure Statement & PTO-1449
☐ Copies of IDS Citation(s)
9. ☐ Preliminary Amendment
10. Small Entity Statement
☐ New Statement enclosed
☐ Statement filed in prior application. Status still
proper and desired
11. ☒ Return Postcard
12. ☐
13. ☐
14. ☐
15. ☐
16. ☐

ADDRESS TO:

Box Patent Application
Commissioner for Patents
Washington, D.C. 20231

17. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information below and in a preliminary amendment:☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: ____/____

Prior application information: Examiner: _____ Group/Art Unit: _____

18. CORRESPONDENCE ADDRESS

NAME	Renee M. Dubord Fenwick & West LLP				
ADDRESS	Two Palo Alto Square				
CITY	Palo Alto	STATE	CA	ZIP CODE	94306
COUNTRY	U.S.A.	TELEPHONE	(650) 858-7880	FAX	(650) 494-1417
Name (Print/Type)	Renee M. Dubord			Registration No. (Attorney/Agent)	42,500
Signature	<i>Renee Dubord</i>			Date	8/30/00

EL482474584US

0002/PTO(modified) Rev. 10/95 <div style="text-align: center;">FEE TRANSMITTAL</div> <div style="text-align: center;">TOTAL AMOUNT OF PAYMENT</div> Subtotal (1) + Subtotal (2) + Subtotal (3) = (\$00)	<div style="text-align: center;">Complete if Known</div> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Application Number</td><td>Not Yet Assigned</td></tr> <tr><td>Filing Date</td><td>June 30, 2000</td></tr> <tr><td>First Named Inventor</td><td>Min Shao</td></tr> <tr><td>Group Art Unit</td><td>Not Yet Assigned</td></tr> <tr><td>Examiner Name</td><td>Not Yet Assigned</td></tr> <tr><td>Attorney Docket Number</td><td>4797 US</td></tr> </table>	Application Number	Not Yet Assigned	Filing Date	June 30, 2000	First Named Inventor	Min Shao	Group Art Unit	Not Yet Assigned	Examiner Name	Not Yet Assigned	Attorney Docket Number	4797 US
Application Number	Not Yet Assigned												
Filing Date	June 30, 2000												
First Named Inventor	Min Shao												
Group Art Unit	Not Yet Assigned												
Examiner Name	Not Yet Assigned												
Attorney Docket Number	4797 US												

METHOD OF PAYMENT	FEE CALCULATION (continued)																																																																																										
1. The Commissioner is hereby authorized to: <input type="checkbox"/> Charge the indicated fee to the below mentioned deposit account. <input type="checkbox"/> Charge any additional fee required under 37 CFR 1.16 - 1.21 or credit any over payments to the below mentioned deposit account. [†] <input type="checkbox"/> Charge the Issue Fee set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b) to the below mentioned deposit account. 2. <input type="checkbox"/> Payment Enclosed for Extra Claims: <input type="checkbox"/> Check <input type="checkbox"/> Other	3. ADDITIONAL FEES <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity Fee Code/Fee</th> <th style="text-align: left;">Small Entity Fee Code/Fee</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: left;">Fee Due</th> </tr> </thead> <tbody> <tr><td>105/\$130</td><td>205/\$65</td><td>Surcharge - late filing fee or oath</td><td><input type="text"/></td></tr> <tr><td>127/\$50</td><td>227/\$25</td><td>Surcharge-late provisional filing fee or cover sheet</td><td><input type="text"/></td></tr> <tr><td>147/\$2,520</td><td>147/\$2,520</td><td>For filing a request for reexamination</td><td><input type="text"/></td></tr> <tr><td>115/\$110</td><td>215/\$55</td><td>Extension for response within first month[†]</td><td><input type="text"/></td></tr> <tr><td>116/\$380</td><td>216/\$190</td><td>Extension for response within second month[†]</td><td><input type="text"/></td></tr> <tr><td>117/\$870</td><td>217/\$435</td><td>Extension for response within third month[†]</td><td><input type="text"/></td></tr> <tr><td>118/\$1,360</td><td>218/\$680</td><td>Extension for response within fourth month[†]</td><td><input type="text"/></td></tr> <tr><td>128/\$1,850</td><td>228/\$925</td><td>Extension for response within fifth month[†]</td><td><input type="text"/></td></tr> <tr><td>119/\$300</td><td>219/\$150</td><td>Notice of Appeal</td><td><input type="text"/></td></tr> <tr><td>141/\$1,210</td><td>241/\$605</td><td>Petition to revive unintentionally abandoned application</td><td><input type="text"/></td></tr> <tr><td>142/\$1,210</td><td>242/\$605</td><td>Utility Issue Fee (Or Reissue)</td><td><input type="text"/></td></tr> <tr><td>143/\$430</td><td>243/\$215</td><td>Design Issue Fee</td><td><input type="text"/></td></tr> <tr><td>122/\$130</td><td>122/\$130</td><td>Petitions to the Commissioner</td><td><input type="text"/></td></tr> <tr><td>123/\$50</td><td>123/\$50</td><td>Petitions related to provisional applications</td><td><input type="text"/></td></tr> <tr><td>126/\$240</td><td>126/\$240</td><td>Submission of Information Disclosure Statement</td><td><input type="text"/></td></tr> <tr><td>581/\$40</td><td>581/\$40</td><td>Recording each patent assignment per property (times number of properties)</td><td><input type="text"/></td></tr> <tr><td>146/\$690</td><td>246/\$345</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td><input type="text"/></td></tr> <tr><td>149/\$690</td><td>249/\$345</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td><input type="text"/></td></tr> <tr><td colspan="3">Other fee (specify):</td><td><input type="text"/></td></tr> <tr><td colspan="3">Other fee (specify):</td><td><input type="text"/></td></tr> <tr> <td colspan="2" style="text-align: right;">SUBTOTAL (3)</td> <td colspan="2">(\$0.00)</td> </tr> </tbody> </table>	Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due	105/\$130	205/\$65	Surcharge - late filing fee or oath	<input type="text"/>	127/\$50	227/\$25	Surcharge-late provisional filing fee or cover sheet	<input type="text"/>	147/\$2,520	147/\$2,520	For filing a request for reexamination	<input type="text"/>	115/\$110	215/\$55	Extension for response within first month [†]	<input type="text"/>	116/\$380	216/\$190	Extension for response within second month [†]	<input type="text"/>	117/\$870	217/\$435	Extension for response within third month [†]	<input type="text"/>	118/\$1,360	218/\$680	Extension for response within fourth month [†]	<input type="text"/>	128/\$1,850	228/\$925	Extension for response within fifth month [†]	<input type="text"/>	119/\$300	219/\$150	Notice of Appeal	<input type="text"/>	141/\$1,210	241/\$605	Petition to revive unintentionally abandoned application	<input type="text"/>	142/\$1,210	242/\$605	Utility Issue Fee (Or Reissue)	<input type="text"/>	143/\$430	243/\$215	Design Issue Fee	<input type="text"/>	122/\$130	122/\$130	Petitions to the Commissioner	<input type="text"/>	123/\$50	123/\$50	Petitions related to provisional applications	<input type="text"/>	126/\$240	126/\$240	Submission of Information Disclosure Statement	<input type="text"/>	581/\$40	581/\$40	Recording each patent assignment per property (times number of properties)	<input type="text"/>	146/\$690	246/\$345	Filing a submission after final rejection (37 CFR 1.129(a))	<input type="text"/>	149/\$690	249/\$345	For each additional invention to be examined (37 CFR 1.129(b))	<input type="text"/>	Other fee (specify):			<input type="text"/>	Other fee (specify):			<input type="text"/>	SUBTOTAL (3)		(\$0.00)			
Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due																																																																																								
105/\$130	205/\$65	Surcharge - late filing fee or oath	<input type="text"/>																																																																																								
127/\$50	227/\$25	Surcharge-late provisional filing fee or cover sheet	<input type="text"/>																																																																																								
147/\$2,520	147/\$2,520	For filing a request for reexamination	<input type="text"/>																																																																																								
115/\$110	215/\$55	Extension for response within first month [†]	<input type="text"/>																																																																																								
116/\$380	216/\$190	Extension for response within second month [†]	<input type="text"/>																																																																																								
117/\$870	217/\$435	Extension for response within third month [†]	<input type="text"/>																																																																																								
118/\$1,360	218/\$680	Extension for response within fourth month [†]	<input type="text"/>																																																																																								
128/\$1,850	228/\$925	Extension for response within fifth month [†]	<input type="text"/>																																																																																								
119/\$300	219/\$150	Notice of Appeal	<input type="text"/>																																																																																								
141/\$1,210	241/\$605	Petition to revive unintentionally abandoned application	<input type="text"/>																																																																																								
142/\$1,210	242/\$605	Utility Issue Fee (Or Reissue)	<input type="text"/>																																																																																								
143/\$430	243/\$215	Design Issue Fee	<input type="text"/>																																																																																								
122/\$130	122/\$130	Petitions to the Commissioner	<input type="text"/>																																																																																								
123/\$50	123/\$50	Petitions related to provisional applications	<input type="text"/>																																																																																								
126/\$240	126/\$240	Submission of Information Disclosure Statement	<input type="text"/>																																																																																								
581/\$40	581/\$40	Recording each patent assignment per property (times number of properties)	<input type="text"/>																																																																																								
146/\$690	246/\$345	Filing a submission after final rejection (37 CFR 1.129(a))	<input type="text"/>																																																																																								
149/\$690	249/\$345	For each additional invention to be examined (37 CFR 1.129(b))	<input type="text"/>																																																																																								
Other fee (specify):			<input type="text"/>																																																																																								
Other fee (specify):			<input type="text"/>																																																																																								
SUBTOTAL (3)		(\$0.00)																																																																																									
FEE CALCULATION (fees effective 11/12/98) 1. FILING FEE <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity Fee Code/Fee</th> <th style="text-align: left;">Small Entity Fee Code/Fee</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: left;">Fee Due</th> </tr> </thead> <tbody> <tr><td>101/\$690</td><td>201/\$345</td><td>Utility Filing</td><td><input type="text" value="690"/></td></tr> <tr><td>106/\$310</td><td>206/\$155</td><td>Design Filing</td><td><input type="text"/></td></tr> <tr><td>108/\$690</td><td>208/\$345</td><td>Reissue</td><td><input type="text"/></td></tr> <tr><td>114/\$150</td><td>214/\$75</td><td>Provisional Filing</td><td><input type="text"/></td></tr> <tr> <td colspan="2" style="text-align: right;">SUBTOTAL (1)</td> <td colspan="2">(\$690.00)</td> </tr> </tbody> </table> 2. CLAIMS <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity Fee Code/Fee</th> <th style="text-align: left;">Small Entity Fee Code/Fee</th> <th style="text-align: left;">Fee Description</th> </tr> </thead> <tbody> <tr><td>103/\$18</td><td>203/\$9</td><td>Claims in excess of 20</td></tr> <tr><td>102/\$78</td><td>202/\$39</td><td>Independent claims in excess of 3</td></tr> <tr><td>104/\$260</td><td>204/\$130</td><td>Multiple dependent claim</td></tr> <tr><td>109/\$78</td><td>209/\$39</td><td>Reissue independent claims over original patent</td></tr> <tr><td>110/\$18</td><td>210/\$9</td><td>Reissue claims in excess of 20 and over original patent</td></tr> </tbody> </table>	Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due	101/\$690	201/\$345	Utility Filing	<input type="text" value="690"/>	106/\$310	206/\$155	Design Filing	<input type="text"/>	108/\$690	208/\$345	Reissue	<input type="text"/>	114/\$150	214/\$75	Provisional Filing	<input type="text"/>	SUBTOTAL (1)		(\$690.00)		Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	103/\$18	203/\$9	Claims in excess of 20	102/\$78	202/\$39	Independent claims in excess of 3	104/\$260	204/\$130	Multiple dependent claim	109/\$78	209/\$39	Reissue independent claims over original patent	110/\$18	210/\$9	Reissue claims in excess of 20 and over original patent	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;">(Col. 1)</th> <th colspan="2" style="text-align: center;">(Col. 2)</th> <th colspan="2" style="text-align: center;">(Col. 3)</th> <th colspan="2"></th> </tr> <tr> <th style="text-align: center;">For</th> <th style="text-align: center;">No. of Existing Claims</th> <th style="text-align: center;">Highest No. Previously Paid For</th> <th style="text-align: center;">Extra**</th> <th style="text-align: center;">Fee</th> <th style="text-align: center;">Fee Due</th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">TOTAL</td> <td style="text-align: center;">136</td> <td style="text-align: center;">20 or 0</td> <td style="text-align: center;">=</td> <td style="text-align: center;">116</td> <td style="text-align: center;">x</td> <td style="text-align: center;">18</td> <td style="text-align: center;">= 2088</td> </tr> <tr> <td style="text-align: center;">INDEP</td> <td style="text-align: center;">12</td> <td style="text-align: center;">3 or 0</td> <td style="text-align: center;">=</td> <td style="text-align: center;">9</td> <td style="text-align: center;">x</td> <td style="text-align: center;">78</td> <td style="text-align: center;">= 702</td> </tr> <tr> <td colspan="8"> <input type="checkbox"/> First presentation of multiple dependent claim </td> </tr> <tr> <td colspan="6" style="text-align: right;">SUBTOTAL (2)</td> <td colspan="2">\$2790.00</td> </tr> </tbody> </table>	(Col. 1)		(Col. 2)		(Col. 3)				For	No. of Existing Claims	Highest No. Previously Paid For	Extra**	Fee	Fee Due			TOTAL	136	20 or 0	=	116	x	18	= 2088	INDEP	12	3 or 0	=	9	x	78	= 702	<input type="checkbox"/> First presentation of multiple dependent claim								SUBTOTAL (2)						\$2790.00	
Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due																																																																																								
101/\$690	201/\$345	Utility Filing	<input type="text" value="690"/>																																																																																								
106/\$310	206/\$155	Design Filing	<input type="text"/>																																																																																								
108/\$690	208/\$345	Reissue	<input type="text"/>																																																																																								
114/\$150	214/\$75	Provisional Filing	<input type="text"/>																																																																																								
SUBTOTAL (1)		(\$690.00)																																																																																									
Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description																																																																																									
103/\$18	203/\$9	Claims in excess of 20																																																																																									
102/\$78	202/\$39	Independent claims in excess of 3																																																																																									
104/\$260	204/\$130	Multiple dependent claim																																																																																									
109/\$78	209/\$39	Reissue independent claims over original patent																																																																																									
110/\$18	210/\$9	Reissue claims in excess of 20 and over original patent																																																																																									
(Col. 1)		(Col. 2)		(Col. 3)																																																																																							
For	No. of Existing Claims	Highest No. Previously Paid For	Extra**	Fee	Fee Due																																																																																						
TOTAL	136	20 or 0	=	116	x	18	= 2088																																																																																				
INDEP	12	3 or 0	=	9	x	78	= 702																																																																																				
<input type="checkbox"/> First presentation of multiple dependent claim																																																																																											
SUBTOTAL (2)						\$2790.00																																																																																					

* Subtract the greater number of Col. 2

** If the difference between Col. 1 and Col. 2 is less than zero, then enter "0" in Col. 3

SUBMITTED BY		Complete (if applicable)	
Typed or Printed Name	Renee M. DuBord	Reg. Number	42,500
Signature	<i>Renee DuBord</i>	Date	6/30/00